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MEMORANDUM

DATE: October 30, 1996

TO: G. D. Guinn, Environmental Compliance, T130F, X8043

FROM: M. E. Hickman, Project Management, T130F, X7145 *MEH*

SUBJECT: MISCELLANEOUS BUILDING 779 CLUSTER DECOMMISSIONING
PROJECT INFORMATION - MEH-026-96

Action: Forward information provided in this letter.

PURPOSE

The purpose of this correspondence is to forward the information requested at the regulatory kickoff meeting on the Building 779 Cluster Decommissioning Project.

DISCUSSION

The attached map identifies the buildings within the project, a table of contents for the proposed Decommissioning Operations Plan, and a summary of the project's scope. The following responses address other questions asked at the kickoff meeting:

- Question** - Why has only 50% (approximately) of Building 779's excess equipment been identified and reported on the Property & Equipment Management System?
- Response** - Property Utilization & Disposal (PU&D) was contacted regarding the excess equipment. They informed us that the remaining equipment would be reported to DOE within the next two weeks. No explanation was given for initially reporting only part of the equipment.
- Question** - When will the Building 779 video be shown?
- Response** - The Building 779 video will be shown Wednesday, October 30, 1996.

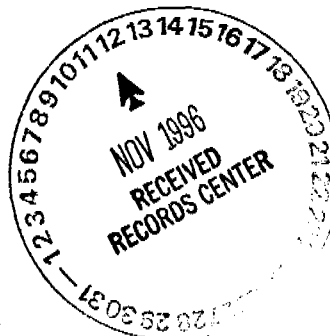
RESPONSE REQUIREMENTS

Please forward this information to the individuals identified on the attached attendance roster. If you have any questions or need further information, please contact me on X7145.

Attachments:
As Stated

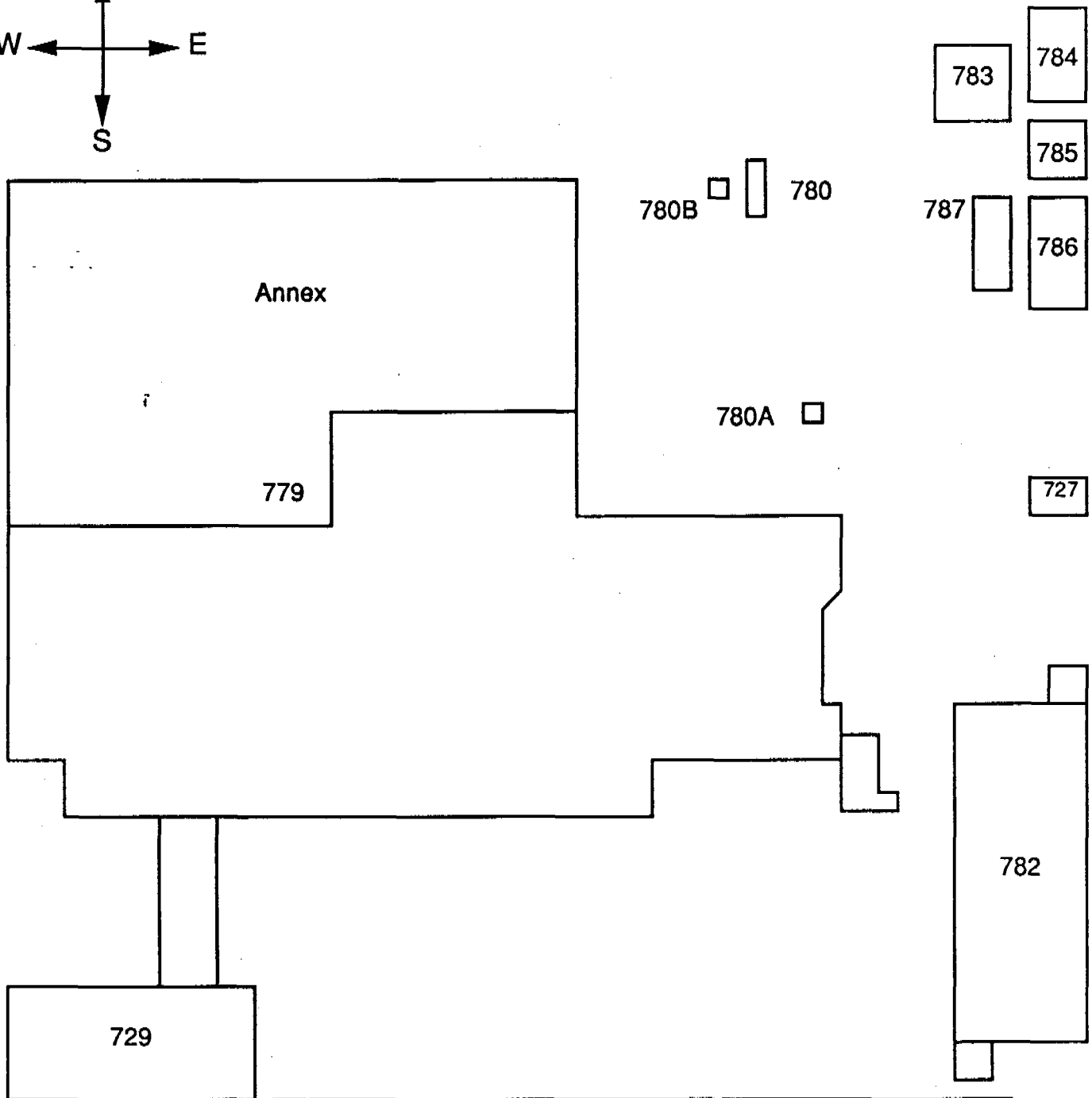
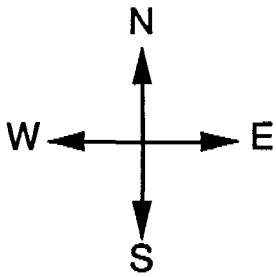
MEH:dlu

cc:
C. L. Guthrie - T130F
Project File
RMRS Corres. Control - B116



ADAMKILL
B779-A-00032

Building 779 Cluster



- 727 Emergency diesel generator facility serving Building 779
- 729 Facility containing filter plenums and self serving emergency diesel generator.
- 779 Research and Development Center.
- 780 Paint/Storage Facility.
- 780A Metal Storage Facility.
- 780B Gas Bottle Storage Facility.
- 782 Filter Plenum exhaust enclosure for Building 779 exhaust.
- 783 Building 779 Cooling Tower Pump House.
- 784 Building 779 Cooling Tower Support Facility.
- 785 Building 779 Cooling Tower Support Facility.
- 786 Building 779 Cooling Tower West Chiller.
- 787 Building 779 Cooling Tower and East Chiller.

BUILDING 779 DECOMMISSIONING PROJECT SUMMARY

The Building 779 Decommissioning Project will complete the decommissioning activities identified below for the Building 779 Cluster buildings. The Building 779 Cluster consists of the following buildings:

- Building 779 - Research and Development Center
- Building 727 - Emergency Diesel Generator Facility Serving Building 782
- Building 729 - Facility Containing Filter Plenums and Self Serving Emergency Diesel Generator
- Building 780 - Paint/storage Facility
- Building 780A - Metal Storage Facility
- Building 780B - Gas Bottle Storage Facility
- Building 782 - Filter Plenum Exhaust Enclosure for Building 779 Exhaust
- Building 783 - Building 779 Cooling Tower Pump House Support Facility
- Building 784 - Building 779 Standby Cooling Tower Support Facility
- Building 785 - Building 779 Process Water Cooling Tower Support Facility
- Building 786 - Building 779 Cooling Tower West Chiller Support Facility
- Building 787 - Building 779 Cooling Tower East Chiller Support Facility

The Building 779 Decommissioning Project's planning activities started October 15, 1996. The work in Building 779 will start January 1997 after all the required preparation and documentation is in place. The decommissioning activities (see below) are scheduled to be completed over a 3 year period.

The following sequence identifies the general scope of the decommissioning project.

- 1 - Continuing characterization consisting of radiation and industrial hazard (eg: asbestos identification) surveys to be complete prior to and in parallel with the work activities to ensure the workers are properly protected in the changing work environment.
- 2 - Excess equipment will be decontaminated, if cost effective, and removed from the area.
- 3 - System wiring, conduit and piping will be removed, decontaminated (as appropriate) and moved out of the area.
- 4 - Building foundations, floors, walls and ceilings will be decontaminated.
- 5 - A final contamination survey will be complete to demonstrate the facility meets the applicable "End Point Criteria".
- 6 - After all utilities have been disconnected and the building structure/ contents decontaminated the remaining structure will be dismantled to the foundation level, (foundation and all underground piping, conduit, wiring and utilities will be capped and left in place).

The general activities 1 through 5 will be completed in annex of Building 779 in fiscal year 1996.

The Building 779 Annex consist of rooms:

146 - Office Room	147 - Drum Storage Room
149 - Hall Area Room	150 - Cleaning, Weld and Joining Room
151 - Office	152 - Experimental Cast and Testing Lab
153 - Drum Storage with Trash Compactor Room	153A - Waste Compactor Room
153B - Down Draft Room	154 - Hydriding/Dehydriding Room
155 - Material Testing Room	156 - Calorimeter Room
157 - Material Testing Room	159 - RCRA Storage Room
160 - Pyrochemical Development Room	160A - Vault
161 - Utility Closet	162 - Machine Shop
163 - Drum Storage	164 - Women's Shower
165 - Women's Toilet	167 - Women's Locker Room

Other buildings and/or rooms will be worked as funding becomes available in fiscal year 1996.

**DECOMMISSIONING OPERATIONS PLAN
(DOP)
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APPENDIX 1 BUILDING 779 CLUSTER DESCRIPTION

GLOSSARY
ACRONYMS